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learn about our atmosphere, and it may afford a guide to us in dealing with the atmospheres of other bodies.

(TWENTY-SIXTH) AWARD OF THE DONOHOE COMET-MEDAL.

The Comet-Medal of the Astronomical Society of the Pacific has been awarded to Mr. C. D. PERRINE, Assistant Astronomer in the Lick Observatory, for his discovery of an unexpected comet on November 2, 1896.

The Committee on the Comet-Medal,
EDWARD S. HOLDEN,
J. M. SCHAEBERLE,
W. W. CAMPBELL.

1897, January 2.

ELEMENTS AND EPHEMERIS OF COMET *g*, 1896, (PERRINE).

BY F. H. SEARES AND R. T. CRAWFORD.

From observations made at the Lick Observatory by Mr. C. D. PERRINE on December 8th, 9th, and 10th, we have computed the following elements and ephemeris of Comet *g*, 1896, (PERRINE). The observations were telegraphed to the Students' Observatory by Dr. HOLDEN:—

$$T = 1896 \text{ Nov. } 24.7839 \text{ G. M. T.}$$

$$\left.\begin{array}{l} \omega = 163^\circ\ 38'\ 14'' \\ \Omega = 243\ \ 41\ \ \ 6 \\ i = \ 16\ \ 39\ \ 57 \end{array}\right\} \text{Mean Equinox of 1896}$$

$$q = 1.15349$$

Representation of middle place—

$$(\text{O}-\text{C})\ \Delta\lambda \cos\beta = +5''.5 \qquad \Delta\beta = 0''.0$$

[The ephemeris at four-day intervals from December 13th to 25th is here omitted.] The brightness decreases from 0.91 (December 13th) to 0.59 (December 25th).

STUDENTS' OBSERVATORY,
Berkeley, December 12, 1896.